

Figure 1

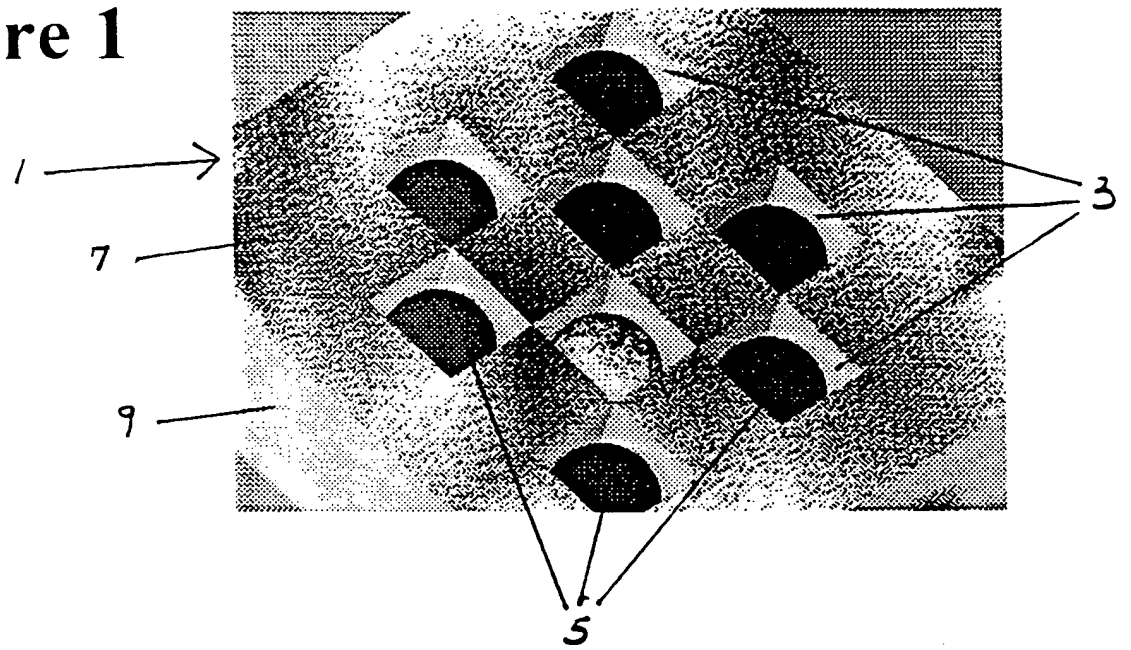


Figure 2

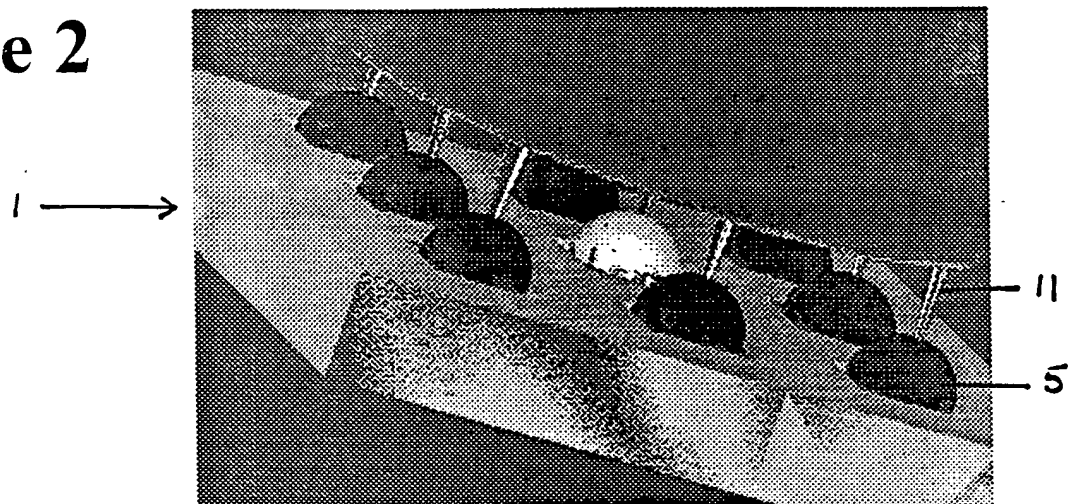


Figure 3

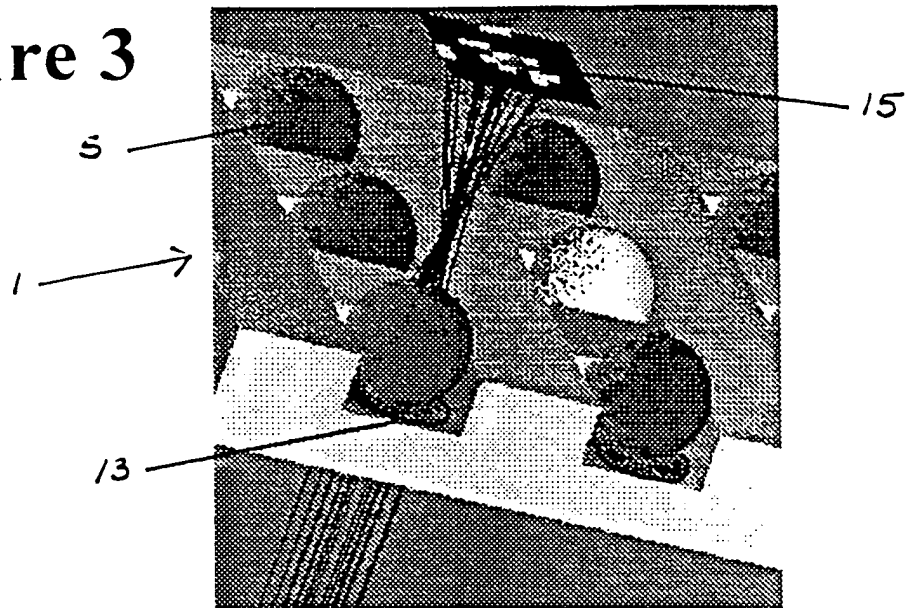


Figure 4

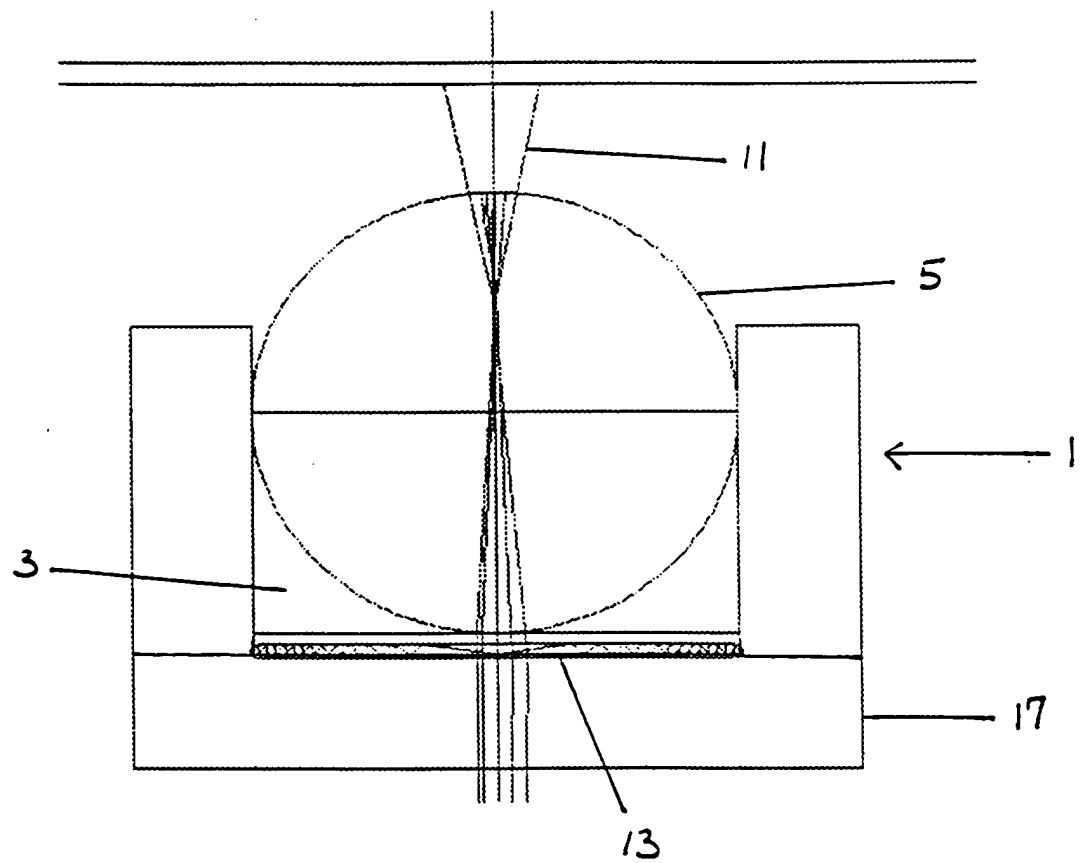


Figure 5

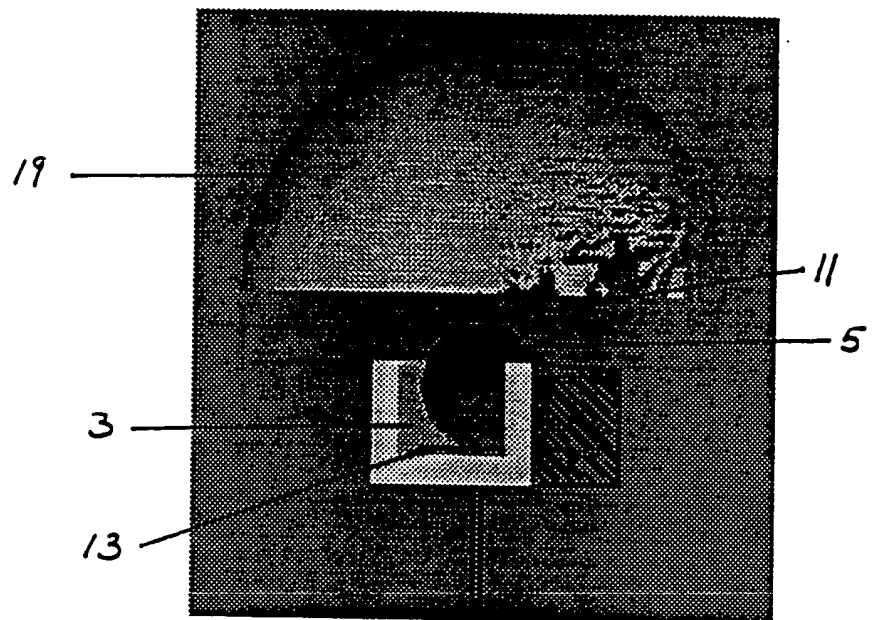
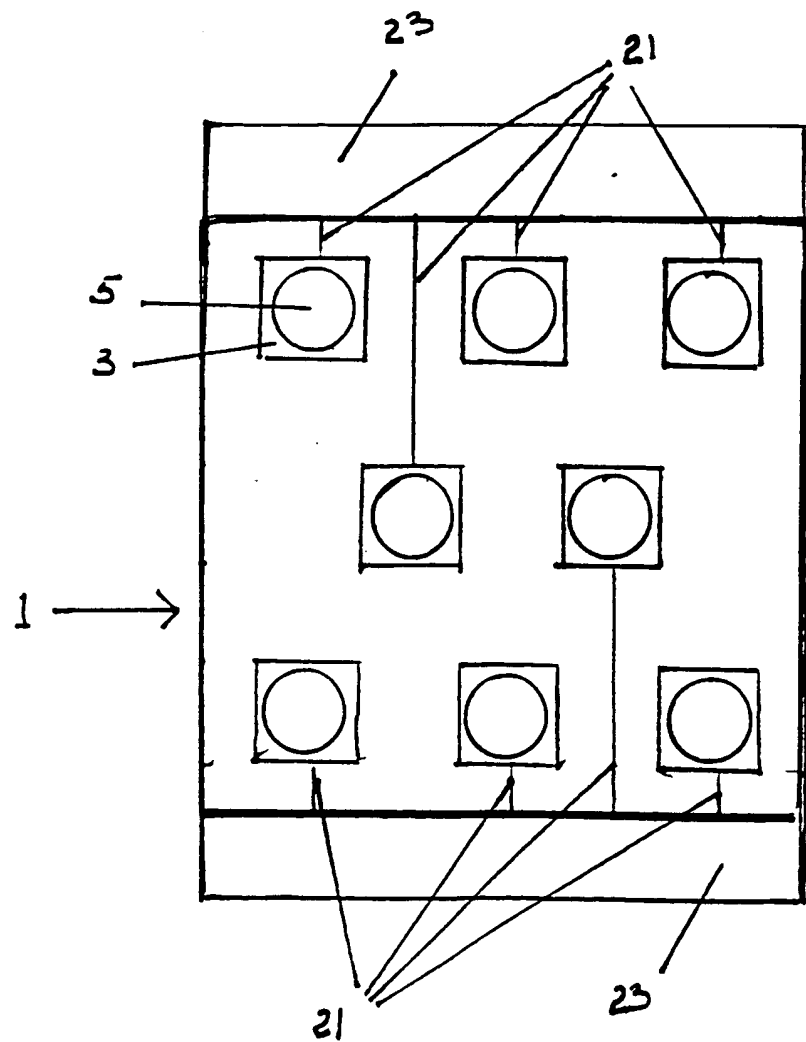


Figure 6



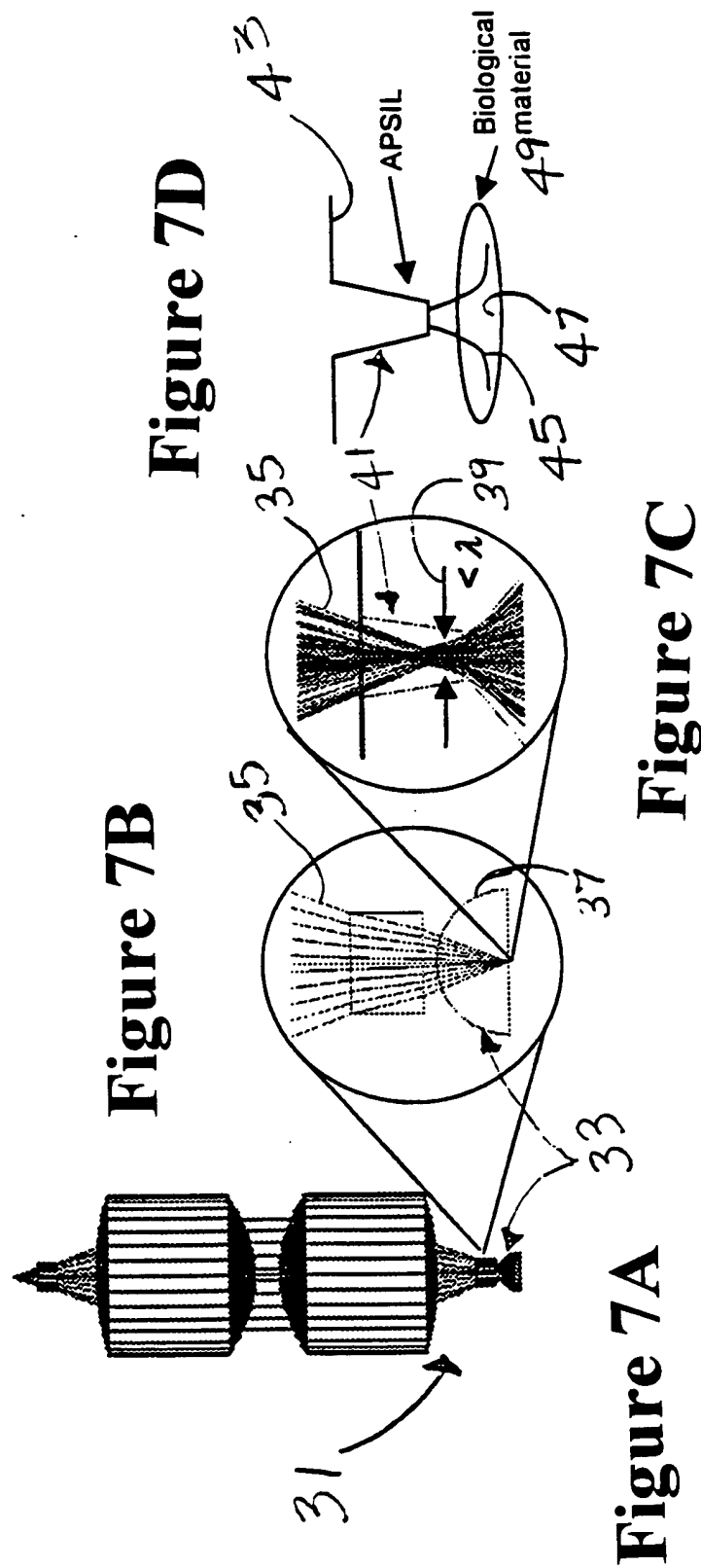


Figure Solid Immersion Lens with Near-field Aperture (APSIL). (a) SIL Microscope configuration. (b) enlarged view of SIL. (c) enlarged view of near-field aperture probe. (d) Near-field illumination of cell.

(a) Oceanit's "Cell Tray" to hold individual cells stationary in a precise array.

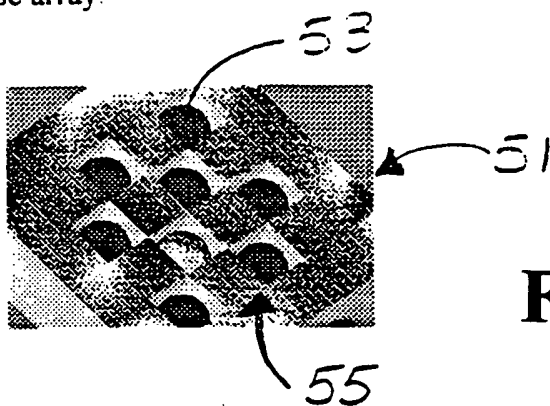


Figure 8A

(b) Near-Field probe technique using probe at the base of a SIL

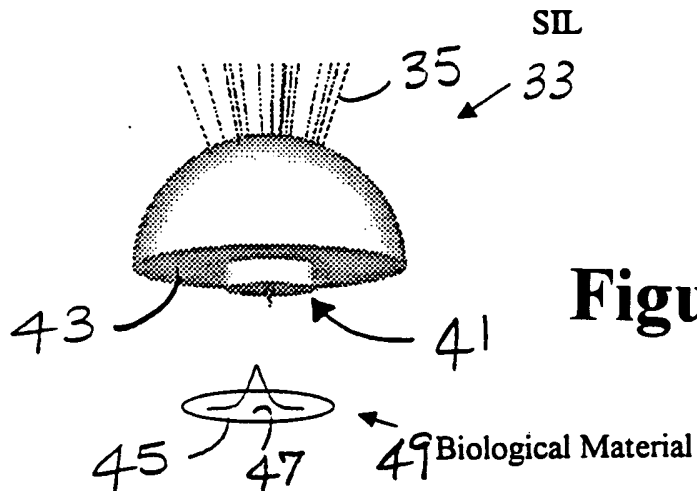


Figure 8B

(c) diagram of multiple probes fabricated in combination with a cell well array.

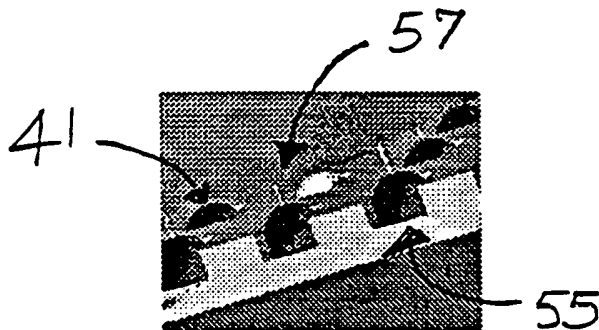


Figure 8C

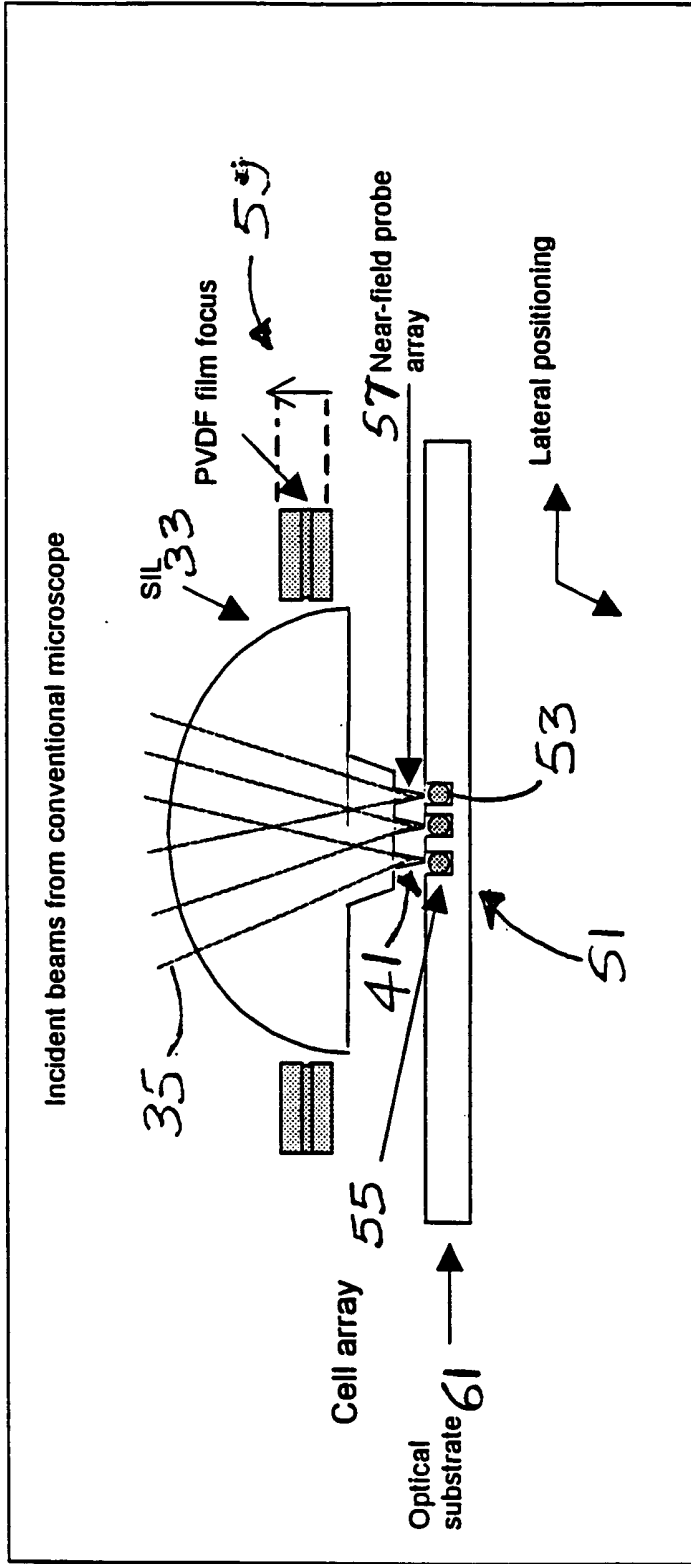


Figure 9